

10/604,430
Amtd. Dated September 30, 2004
Reply to Final Office Action of September 20, 2004

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of the claims in the application:

1-12 (Canceled)

13. (Currently Amended) A golf ball comprising:

a solid core composed of a polybutadiene blend, having a PGA compression ranging from ~~75 points to 120~~ 100 points to 110 points, and having a diameter ranging from 1.35 inches to 1.64 inches, the core having a mass ranging from about 32 grams to about 40 grams;

an intermediate layer disposed above the core, the intermediate layer composed of an ionomer material, having a Shore D hardness ranging from 50 points to 75 points as measured on the curved surface of the intermediate layer, and the intermediate layer having a thickness ranging from 0.040 inch to 0.09 inch; and

a cover disposed over the intermediate layer, the cover composed of a polyurethane material, the cover having a thickness ranging from ~~0.015 inch to 0.044~~ 0.020 inch to 0.0375 inch;

wherein the golf ball has a coefficient of restitution of 143 feet per second greater than 0.7964, and an USGA initial velocity of less than 255.0 feet per second, and the golf ball has a ball Shore D hardness ranging from 50 points to 75 points as measured on the surface of the golf ball.

14. (Canceled)

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15. (Currently Amended) The golf ball according to claim [[14]] 13 wherein the cover has a thickness ranging from 0.025 inch to 0.035 inch.

16. (Currently Amended) The golf ball according to claim [[14]] 13 wherein the cover has a thickness of 0.030 inch.

17. (Canceled)

18. (Currently Amended) The golf ball according to claim [[14]] 13 wherein the core has a PGA compression of 110 points.

19. (Currently Amended) The golf ball according to claim [[14]] 13 wherein the golf ball has a coefficient of restitution at 143 feet per second greater than 0.8150.